SIEMENS

Data sheet

3RH2422-1AP60

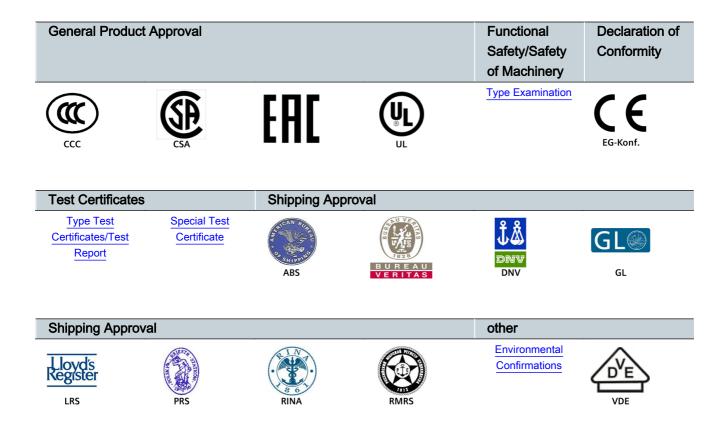
CONTACTOR RELAY LATCHED, 2NO+2NC, AC 220/240V, 50/60HZ, SIZE S00, SCREW TERMINAL



product brand name		SIRIUS		
Product designation		contactor relay		
General technical data:				
Insulation voltage				
 with degree of pollution 3 Rated value 	V	690		
Degree of pollution		3		
Surge voltage resistance Rated value	kV	6		
Mechanical service life (switching cycles)				
 of the contactor typical 		5 000 000		
 of the contactor with added electronics- compatible auxiliary switch block typical 		5 000 000		
 of the contactor with added auxiliary switch block typical 		5 000 000		
Protection class IP				
• on the front		IP20		
Equipment marking				
• acc. to DIN EN 61346-2		К		
• acc. to DIN EN 81346-2		К		
Control circuit/ Control:				
Type of voltage of the control supply voltage		AC		
Control supply voltage with AC				
• at 50 Hz Rated value	V	220		
• at 60 Hz Rated value	V	240		
Rated value	Hz	50		
Control supply voltage frequency 2 Rated value	Hz	60		

	-	
Operating range factor control supply voltage rated		
value of the magnet coil with AC ● at 50 Hz		0.8 1.1
		0.85 1.1
• at 60 Hz		
Apparent pick-up power of the magnet coil with AC	V·A	37
Apparent holding power of the magnet coil with AC	V·A	5.7
Inductive power factor		0.0
• with closing power of the coil		0.8
 with the holding power of the coil 		0.25
Auxiliary circuit:		
Number of NC contacts		
 for auxiliary contacts 		2
— instantaneous contact		2
Number of NO contacts	-	
 for auxiliary contacts 		2
— instantaneous contact		2
Product expansion Auxiliary switch		Yes
Identification number and letter for switching elements		22 E
Operating current at AC-15		
• at 230 V Rated value	А	10
• at 400 V Rated value	А	3
• at 690 V Rated value	А	1
Design of the miniature circuit breaker		
 for short-circuit protection of the auxiliary circuit 		C characteristic: 6 A; 0.4 kA
up to 230 V		
Contact reliability of the auxiliary contacts		1 faulty switching per 100 million (17 V, 1 mA)
UL/CSA ratings:		
Contact rating of the auxiliary contacts acc. to UL		A600 / Q600
Short-circuit:		
Design of the fuse link		
 for short-circuit protection of the auxiliary switch 		fuse gL/gG: 10 A
required		
Installation/ mounting/ dimensions:		
mounting position		+/-180° rotation possible on vertical mounting
		surface; can be tilted forward and backward by +/-
		22.5° on vertical mounting surface
Mounting type		screw and snap-on mounting onto 35 mm standard mounting rail
Height	mm	57.5
Width	mm	90
Depth	mm	73

_	
mm	6
mm	6
	screw-type terminals
	2x (0,5 1,5 mm²), 2x (0,75 2,5 mm²), 2x 4 mm²
	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
	2x (20 16), 2x (18 14), 2x 12
	1 000 000
	With 0.3 x le
%	40
%	73
FIT	100
У	20
	finger-safe
	S00
m	2 000
°C	-25 +60
°C	-55 +80
	mm % % FIT y m



Further information

Information- and Downloadcenter (Catalogs, Brochures,...) http://www.siemens.com/industrial-controls/catalogs

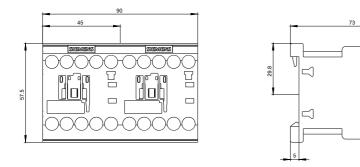
Industry Mall (Online ordering system) http://www.siemens.com/industrymall

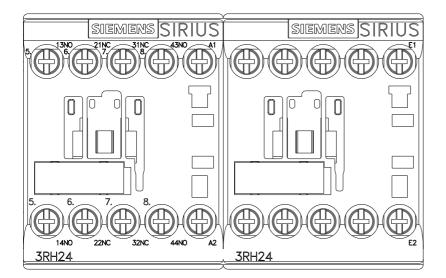
Cax online generator

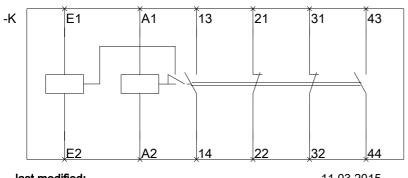
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RH24221AP60

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) http://support.automation.siemens.com/WW/view/en/3RH24221AP60/all

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RH24221AP60&lang=en







last modified:

11.03.2015